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TO : G.Bible L.Pollak B.Brooks S.Darrah A.Buzzi W.Thoma
 FROM : J. B. Boder +
 SUBJECT: Barclay, Coresta Task Force

The meeting of the CORESTA task force dealing with the testing of channel ventilated cigarettes took place in London at BAT HQ on June 22, 1989. As foreseen, BAT admitted that, based on recent studies, Barclay is not a lmg product and that it would be fairly "ranked" at 5mg (example given for the Swiss Barclay version). This statement was very well received by the participants and it was the general opinion that there are no longer any major restrictions to having a method accepted at the next CORESTA meeting in Interlaken.

Method Development.

As it is necessary to have a new method tested by several laboratories before it is approved, it was decided to test two methods during August:

- a) modified "Copeland"
- b) improved DIN Vornorm

These methods will be tested by approximately 15 laboratories from the industry and the best will be proposed at Interlaken for adoption by the Smoke Study Group.

- a) Modified "Copeland" method

This method includes a modified cigarette holder which obstructs a specified area of the back end of the filter (it obstructs 2-3 channels of Barclay). This method, proposed by PM, is based on a recent study made with an instrument developed by the Swiss Center for Electronic Research (CSEM) which enables us to demonstrate which portion of the cigarette is occluded by human lips.

Advantages:

- scientific approach
- single smoking
- no manipulation of cigarettes before testing
- universal method to be used for all cigarettes
- easy support from CORESTA

Disadvantage:

- For CVC with small channels (f. ex. SAUNA) smoke yield results would be slightly higher than the DIN average (approx. lmg). This is due to the fact that the small channels at the periphery of the filter are occluded more by human lips than the large four channels on Barclay. This was confirmed by studies showing that the reduction in

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ventilation during human smoking is slightly higher for SAUNA than for Barclay.

b) Improved "DIN Vornorm"

This method has exactly the same principle as DIN, double smoking with channels open and closed but instead of closing the channels with PVA glue (which is very difficult and almost impossible with small channels), it is done during the smoking process with a modified cigarette holder using a neoprene ring to cover the channels.

Advantages:

- Would give the same figures for Barclay and SAUNA

Disadvantages:

- Double smoking
- Will be a specific method for CVC only
- Not very scientific
- Would open the door to future averaging methods
- Support from CORESTA more difficult to obtain.

In summary, as the majority of the other members, we have a preference for method a) and we will discuss with EEMA if a new SAUNA filter has to be developed or if slightly higher figures than DIN can be accepted. It has to be noted that in order to accelerate the official CORESTA approval of the new method, extraordinary meetings of the scientific commission and the Council have been planned for October/November 1989.

Regards.

J.B. Boder

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